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PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In the **PATENT APPLICATION** of:

Higurashi et al.

Application No.: 10/566,408

Confirmation No.: 5715

Filed: January 26, 2006

For: IMAGE PROCESSING APPARATUS,
IMAGE PROCESSING METHOD, AND
DISTORTION CORRECTING METHOD

Group: 2624

Examiner: Michelle M. Entezari

Our File: IPO-P1965

Date: May 10, 2010

**4 PAGES VIA FACSIMILE
TO (571) 273-8300**

**STATEMENT OF THE SUBSTANCE OF THE
INTERVIEW UNDER M.P.E.P. § 713.04**

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

This is in response to the Interview Summary dated May 4, 2010.

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REMARKS/ARGUMENTS

Making reference to the Interview Summary, Applicant wishes to advise that its undersigned representative conducted an initial telephone interview with Examiner Michelle Entezari which was initiated by the undersigned representative on April 29, 2010. Applicant thanks Examiner Entezari for the courtesy of granting an interview. Applicant contacted Examiner Entezari on April 26, 2010, requesting a Telephonic Interview, conducted on the afternoon of April 29, 2010. Applicant and Examiner Entezari discussed claim 1 and U.S. Patent Application Publication No. 2002/0164083 to Woo Jin Song, et al., Published November 7, 2002 and briefly discussed U.S. Patent Application Publication No. 2003/0215230 to Andrew C. Gallagher.

During the Telephonic Interview, Applicant pointed out that Song et al. in Fig. 4 introduces an undistorted reference image (see Fig. 6A) from generator 28 into the projection TV 200 through switch 22. The image, processed by units 23, 24-1, 24-2 24-3, picture tube 25 and optical system 26, undergoes distortion. To correct the distortion, Song et al. employs a camera 27 to capture an image of the distorted reference image. The captured image is compared with the reference image at unit 29 to look for a keystone distortion. If the distortion is a keystone distortion, an extractor extracts a keystone distortion parameter. Controller 24-2 warps the image of first frame memory 24-1 using the parameter from memory 24-4 and outputs it to second frame memory 24-3 which transfers the corrected image to CRT 25. This procedure is repeated until any remaining distortion is below a given threshold or there is no distortion remaining.

It was pointed out that **none** of the above individual steps in the procedure taught by Song et al. are performed **concurrently with any other step** in the

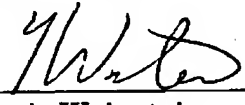
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procedure. In other words, there are **no 2 steps** which are performed **concurrently** (i.e., **simultaneously**) with one another.

Examiner Entezari acknowledged the distinctions between the teachings of Song et al. and the present application, as set forth in claim 1, for example and requested that Applicant set forth the arguments presented in the Telephonic Interview in a written response.

Respectfully submitted,

Higurashi et al.

By 
Louis Weinstein
Registration No. 20,477

Volpe and Koenig, P.C.
United Plaza, Suite 1600
30 South 17th Street
Philadelphia, PA 19103
Telephone: (215) 568-6400
Facsimile: (215) 568-6499

LW/hg